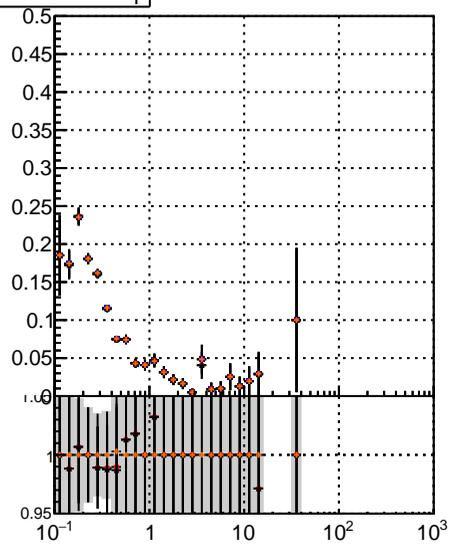
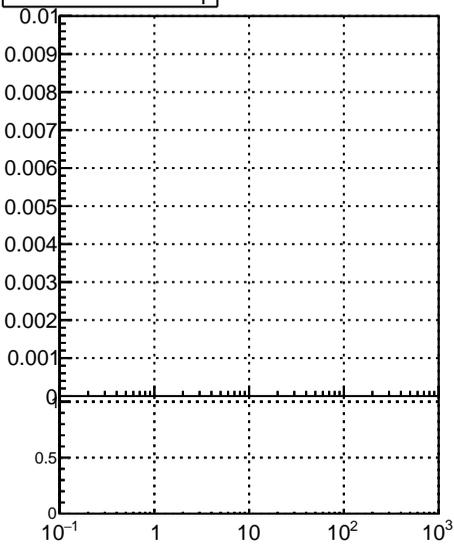
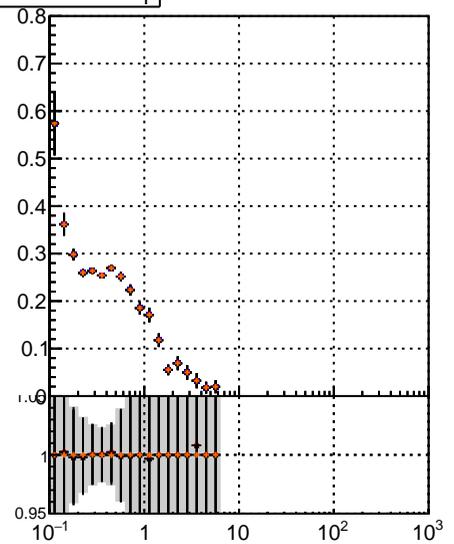


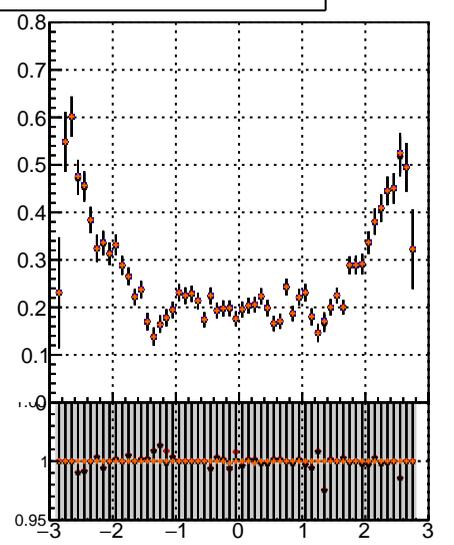
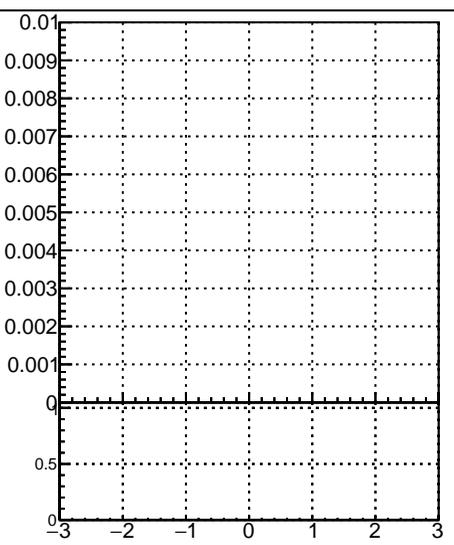
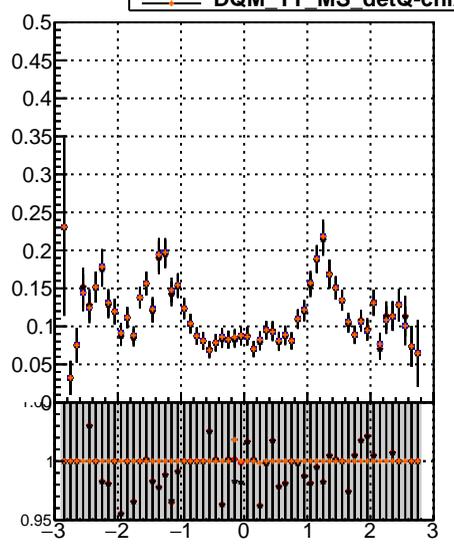
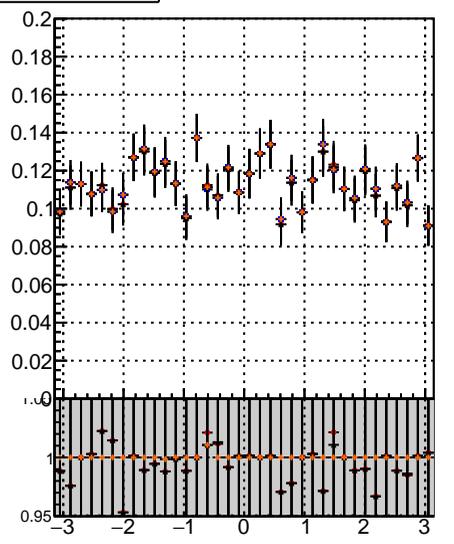
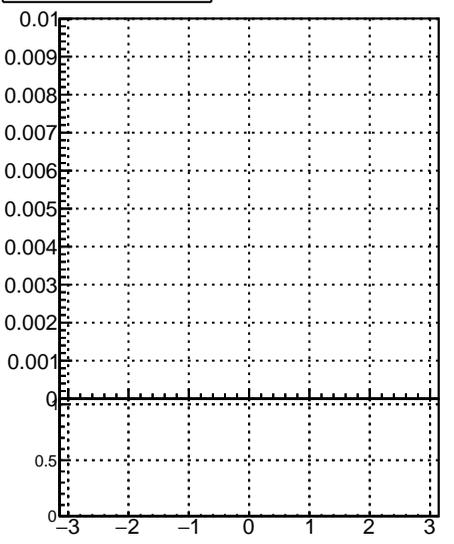
Fake rate vs p_T **Duplicates Rate vs p_T** **Pileup rate vs p_T** 

Legend for the plots:

- Blue line: BQM TT MS
- Red line: BQM TT MS
- Black line: BQM TT MS
- Orange line: BQM TT MS

Legend for the histograms:

- Black: det0
- Grey: det1
- White: det2
- Light Grey: det3
- Dark Grey: det4
- Lightest Grey: det5
- Lightest Grey: det6
- Lightest Grey: det7
- Lightest Grey: det8
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- Lightest Grey: det96
- Lightest Grey: det97
- Lightest Grey: det98
- Lightest Grey: det99

**Fake rate vs ϕ** **Duplicates Rate vs ϕ** **Pileup rate vs ϕ** 